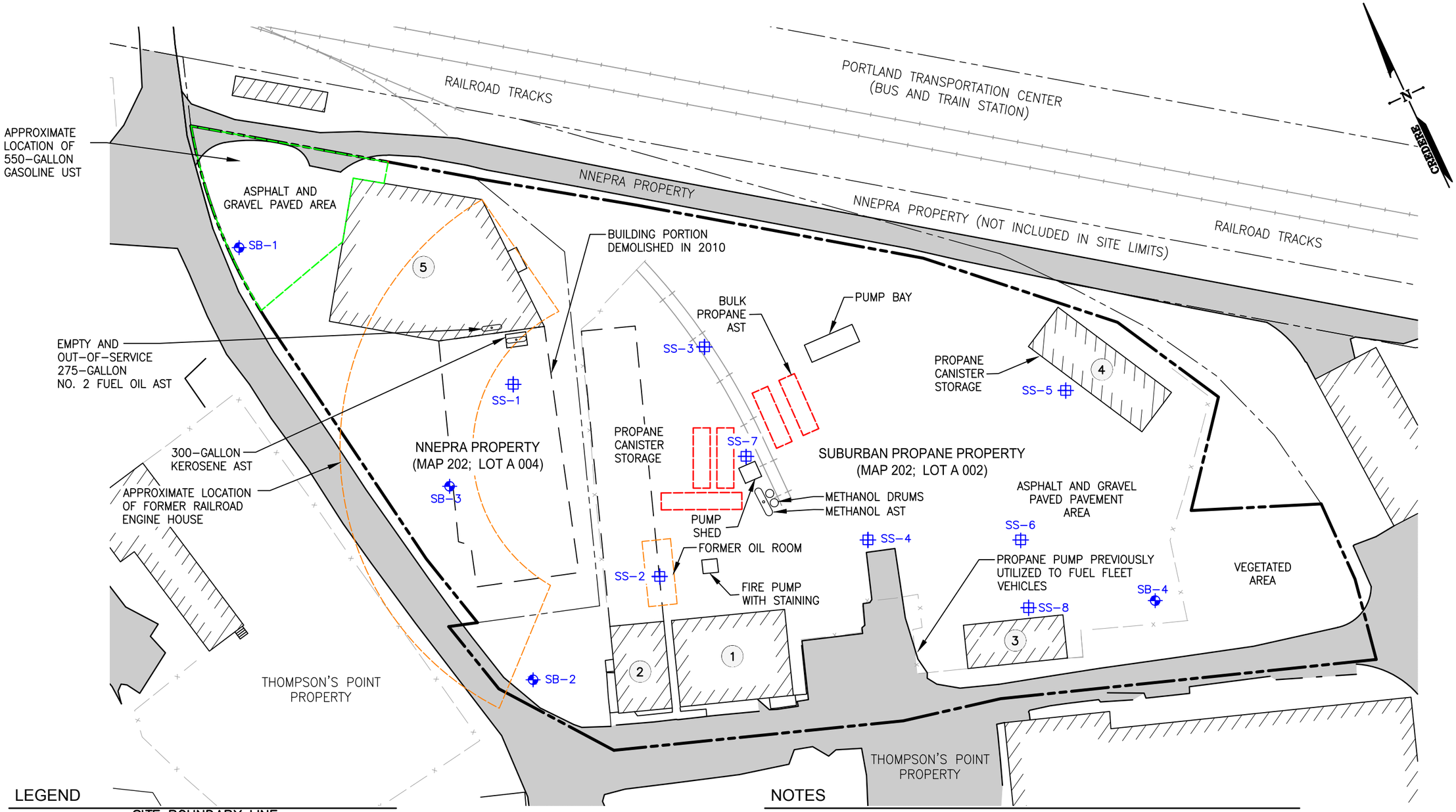
PROPOSED SAMPLE LOCATION PLAN



GRAPHIC SCALE
60 30 0 60
1 inch = 60 ft.

0-3 THOMPSON'S POINT
PORTLAND, MAINE

LEGEND

- SITE BOUNDARY LINE
- PROPERTY BOUNDARY
- PAVEMENT
- BUILDING
- FORMER BUILDING
- FORMER RAILROAD RELATED BUILDING REPORTED APPROXIMATE AREA OF UNDERGROUND STORAGE TANK
- BULK PROPANE STORAGE (TANKS AND PUMPS)
- FENCE
- (1) BUILDING IDENTIFICATION NUMBER
- DRUM
- ABOVEGROUND STORAGE TANK (AST)
- PROPOSED SOIL BORING SAMPLE
- PROPOSED SURFACE SOIL SAMPLE

NOTES

1. EXISTING CONDITION FEATURES SHOWN ON THIS PLAN ARE APPROXIMATE AND ARE BASED ON INFORMATION OBTAINED FROM CREDERE'S PREVIOUS NNEPRA AND SUBURBAN PHASE I ESA DATED AUGST 23, 2013, THE CITY OF PORTLAND ASSESSORS TAX MAPS, AND THE SITE RECONNAISSANCE PERFORMED ON APRIL 20, 2016.

BUILDING IDENTIFICATION

BUILDNG NUMBER	USE
1	OFFICES
2	VACANT (FORMER OFFICES)
3	STORAGE, FORMER MACHINE SHOP
4	WAREHOUSE, CANISTER CHARGING
5	NNEPRA WAREHOUSE

DRAWN BY: MAK
CHECKED BY: ASD
DATE: 5/2/2016
PROJECT: 13001211

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Economy Community Environment

Table 1 - Scope of Work Summary, Soil and Groundwater
0 and 3 Thompson's Point
Portland, Maine

Proposed Sample Location	Sample Depth (feet bgs)	Sample Type	Sample Rationale	Recommended Analyses
Sitewide	NA	GPR Survey	To assess for the presence of the historical 550-gallon gasoline UST (REC #2) and 5,980-gallon UST (Environmental Finding #5)	NA
SB-1#/ MW-1*	0-2	Surface soil	To assess surface soil across the Site for impacts associated with historical use (REC #1)	EPH, Total Lead (Pb)
	Greatest observed contamination or groundwater interface	Subsurface soil	To assess the general vicinity of a historical gasoline UST and groundwater impacts associated with historical use (REC #2)	VPH
	Screened interval	Groundwater		VPH, VOCs
SB-2#/ MW-2	0-2	Surface soil	To assess surface soil across the Site for impacts associated with historical use (REC #1)	EPH, Total Lead (Pb)
	Screened interval	Groundwater	To assess downgradient of the former round table piston tank, former oil room, and for possible impacts associated with historical parts cleaning or maintenance and other railroad operations (REC #1)	EPH, VOCs, Total Lead (Pb)
SB-3#/ MW-3	0-2	Surface soil	To assess surface soil across the Site for impacts associated with historical use (REC #1)	EPH, Total Lead (Pb), Total PCBs
	Greatest observed contamination or groundwater interface	Subsurface soil	To assess the vicinity of the former round table piston tank and oil room, and for possible impacts associated with historical parts cleaning or other railroad operations (REC #1)	EPH, VOCs, Total Lead (Pb)
	Screened interval	Groundwater		EPH, VOCs, Total Lead (Pb)
SB-4/ MW-4	0-2	Surface soil	To assess surface soil across the Site for impacts associated with historical use (REC #1)	EPH, Total Lead (Pb)
	Screened interval	Groundwater	To assess downgradient of the former round table piston tank, the machine shop, and for possible impacts associated with historical parts cleaning or maintenance and other railroad operations (REC #1)	EPH, VOCs, Total Lead (Pb)
SS-1	0-2	Surface soil	To assess surface soil across the Site for impacts associated with historical use (REC #1)	EPH, Total Lead (Pb), Total PCBs
SS-2	0-2	Surface soil	To assess surface soil across the Site for impacts associated with historical use (REC #1)	EPH, Total Lead (Pb), Total PCBs
SS-3	0-2	Surface soil	To assess surface soil across the Site for impacts associated with historical use (REC #1)	EPH, Total Lead (Pb)
SS-4	0-2	Surface soil	To assess surface soil across the Site for impacts associated with historical use (REC #1)	EPH, Total Lead (Pb)
SS-5	0-2	Surface soil	To assess surface soil across the Site for impacts associated with historical use (REC #1)	EPH, Total Lead (Pb)
SS-6	0-2	Surface soil	To assess surface soil across the Site for impacts associated with historical use (REC #1)	EPH, Total Lead (Pb)
SS-7	0-2	Surface soil	To assess a possible release of lubrication oil from the compressor building (DMC #1)	EPH, Total Lead (Pb)
SS-8	0-2	Surface soil	To assess a possible release of solvents or PCBs from the former machine shop (REC #1)	VOCs, PCBs

Notes:

* - Location of CA-SB-1 should be biased based on the results of the GPR survey in the western portion of the Site.

** - Greatest observed contamination is defined as the highest PID response, staining or evidence of anthropogenic material.

- Soil borings shall be advanced using hollow-stem augur with split-spoon sampling, collected continuously. The 0 to 2 foot samples from each boring shall be collected prior to drilling. Mark multiple locations for each boring for digsafe.

NA - not applicable
REC - recognized environmental condition
bgs - below ground surface
PCBs - polychlorinated biphenyls
VOC - volatile organic compounds
EPH - Extractable petroleum hydrocarbons
RCRA - Resource Conservation and Recovery Act

Table 2 - Scope of Work Summary, Potential Asbestos-Containing Materials
0 and 3 Thompson's Point
Portland, Maine

Building #	Material	Location	Aproximate Quantity	Estimated Number of Samples	Analysis
1	Gray 12"x12" floor tile	Room 1	500 ft2	3	PLM NOB–EPA 600/R-93/116 with gravimetric preparation method (PLM-NOB)
1	White 12"x12" floor tile	Rooms 1, 2, 4, and 5	1,400 ft2	3	PLM-NOB
1	2'x4' ceiling tiles	First floor	1,600 ft2	3	PLM–EPA 600/R-93/116 visual estimation method (PLM)
1	TSI on steam heat piping	Behind walls, above ceilings, first floor	Unknown	9	PLM
1	TSI on steam heat elbows	Behind walls, above ceilings, first floor	Unknown	9	PLM
1	Tan sheet flooring	Room 9	50 ft2	3	PLM-NOB
1	Blue 12"x12" floor tile	Room 11	50 ft2	3	PLM-NOB
1	Asphalt shingle roofing materials, multiple layers possible	Roof, front section	3,000 ft2	9	PLM-NOB
1	Under rubber membrane. Flat roofing materials field and edge, multiple layers possible	Roof, rear section	2,600 ft2	12	PLM-NOB
2	Green 9"x9" floor tile	Room 1	250 ft2	3	PLM-NOB
2	Asphalt shingle roofing materials, multiple layers possible	Roof, front section	1,400 ft2	9	PLM-NOB
2	Asphalt shingle roofing materials, multiple layers possible	Roof, rear section	1,000 ft2	9	PLM-NOB
2	Asphalt shingle roofing materials, multiple layers possible	Roof, front awning	100 ft2	9	PLM-NOB
2	Window glazing	Exterior, all windows	18 Windows	3	PLM
3	Flat roofing materials field and edge, multiple layers possible	Black roof	1,250 ft2	9	PLM-NOB
3	Flat roofing materials field and edge, multiple layers possible	White roof	850 ft2	12	PLM-NOB
5	Flat roofing materials field and edge, multiple layers possible	Black roof	8,500 ft2	12	PLM-NOB
Exterior	Old roofing debris	Alley between buildings 1 and 2	< 1 yd3	6	PLM-NOB

Table 3 - Scope of Work Summary, Potential Lead-Containing Paint
0 and 3 Thompson's Point
Portland, Maine

Building #	Material	Location	Number of Screening Locations	Screening Method
1	Black Paint	Window Sills, Room 1	3 each	Field Screening with X-Ray Fluorescence (XRF) Device per Manufacturers Guidelines, report any detectable concentration
1	Green Paint	Trim, Room 1		
1	Tan Paint	Trim, Rooms 2, 3, & 4		
1	White Paint	Wall, Rooms 2, 3, & 4		
1	Light Blue Paint	Wall, Room 5		
1	Red Paint	Wall, Central Stairway & Room 8		
1	White Paint	Trim, Rooms 8, 9, & 10		
1	Tan Paint	Trim, Rooms 12, 13, 14, & 15		
1	White Paint	Wall, entire second floor		
1	White Paint	Brick Wall, Rooms 9, 10, & 11		
2	Light Green Paint	Walls, Rooms 1 & 3		
2	Dark Gray Paint	Stairways		
2	White Paint	Walls and Ceiling, Room 1		
2	Gray Paint	Concrete Floor, Room 1		
2	Tan Paint	Closet Wall, Room 1		
2	Red Paint	Wall, Room 2		
2	White over Green Paint	Exterior Trim		
2	Red Paint	Exterior Siding		
3	White Paint	Wall, Exterior		
3	Gray Paint	Floor, Room 5		
3	Blue Paint	Floor, Room 2		
3	Red Paint	Floor, Rooms 3 & 4		
3	Tan Paint	Wall, Room 5		
3	White Paint	Wall, Rooms 2, 3, & 4		
5	White Paint	Wall, Exterior		
5	White Paint	Wall, Interior		
5	White Paint	Wall, Interior		

Table 4 - Scope of Work Summary, Potential PCB-Containing Building Materials
0 and 3 Thompson's Point
Portland, Maine

Building #	Material	Location	Estmated Number of Samples	Analysis
1	Gray Caulking	Above Exterior Windows on brick, South Side	1	EPA 8082A Polychlorinated biphenyls by Gas Chromatography, with EPA Method 3540 (Soxhlet) extraction (8082A/3540)
1	Black Paint	Window Sills, Room 1	1	
1	Green Paint	Trim, Room 1	1	
1	Tan Paint	Trim, Rooms 2, 3, & 4	1	
1	White Paint	Wall, Rooms 2, 3, & 4	1	
1	Light Blue Paint	Wall, Room 5	1	
1	Red Paint	Wall, Central Stairway & Room 8	1	
1	White Paint	Trim, Rooms 8, 9, & 10	1	
1	Tan Paint	Trim, Rooms 12, 13, 14, & 15	1	
1	White Paint	Sheetrock walls, entire second floor	1	
1	White Paint	Brick Wall, Rooms 9, 10, & 11	1	
2	Light Green Paint	Walls, Rooms 1 & 3	1	
2	Dark Gray Paint	Stairways	1	
2	White Paint	Walls and Ceiling, Room 1	1	
2	Gray Paint	Concrete Floor, Room 1	1	
2	Tan Paint	Closet Wall, Room 1	1	
2	Red Paint	Wall, Room 2	1	
2	White over Green Paint	Exterior Trim	1	
2	Red Paint	Exterior Siding	1	
3	White Paint	Wall, Exterior	1	
3	Gray Paint	Floor, Room 5	1	
3	Blue Paint	Floor, Room 2	1	
3	Red Paint	Floor, Rooms 3 & 4	1	
3	Tan Paint	Wall, Room 5	1	
3	White Paint	Wall, Rooms 2, 3, & 4	1	
5	White Paint	Wall, Exterior	1	
5	White Paint	Wall, Interior	1	